

ABSTRACT OF THE DISCLOSURE

A multi-carrier CDMA transmission system signal format that reproduces data symbols, aligns the reproduced data symbols along a frequency axis, multiplies the reproduced data symbols by a spreading code, and conducts multiplex transmission of data using a plurality of sub-carriers of different frequencies, in which a common pilot symbol inserted in a transmission signal for estimating a variation in channel and estimating a channel common to each of a plurality of users, and a user-specific individual pilot symbol transmitted along a channel different from the above-described channel.

0944724-090504